

AMENDMENTS TO THE CLAIMS

1. – 7. (Cancelled)

8. (Currently amended) A method for treating an animal with a Th1 or Th2 related disease and monitoring the efficacy of said treatment comprising

administering a helminthic parasite preparation that alters a regulatory T cell activity to said animal, wherein said administering alters the activity of regulatory T cells; and

measuring said regulatory T cell activity responses;

wherein an increase in the level of the regulatory T cell activity after said administering is indicative of the efficacy of said treatment.

9.-16. (Cancelled)

17. (Currently amended) The method of claim 8, wherein said regulatory T cell activity responses are measured by determining the level of a regulatory T cell marker.

18. (Previously presented) The method of claim 17, wherein said regulatory T cell marker is an internal marker.

19. (Previously presented) The method of claim 18, wherein said internal marker is Scurfin, Smad7, Gata3, or Tbet (Tbx21).

20. (Previously presented) The method of claim 17, wherein said regulatory T marker is a cell surface marker.

21. (Previously presented) The method of claim 20, wherein said cell surface marker is selected from the group consisting of: CD4, CD45RB^{lo}, CD45Rc, Cytotoxic T lymphocyte associated antigen 4 (CTLA-4), Ox40, 4-1BB, CD25, CD103, CD62L, $\alpha_E\beta$ integrin, latency-

associated peptide (LAP) or glucocorticoid induced TNF receptor family related protein (GITR), chemokine receptor CCR5, TI-ST2.

22. (Previously presented) The method of claim 17, wherein said regulatory T cell marker is a secreted marker.

23. (Previously presented) The method of claim 22, wherein said secreted marker is selected from the group consisting of IL-4, IL-13, IL-5, IL-10 or TGF β , IFN γ and PgE2.

24. (Cancel IL-10)

25. (Currently amended) The method of claim 8,23, wherein said increase in the level of regulatory T cell activity is reflected by secretion by said regulatory T cell of secretes at least a 2-fold increase of TGF β as compared to naive T cells.

26. (Currently amended) The method of claim 8,23, wherein said increase in the level of regulatory T cell activity is reflected by secretion by said regulatory T cell of secretes at least a 2-fold less IFN γ as compared to naive T cells.